IP Link® Device Interface Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type:	Lighting Control
Manufacturer:	Lutron
Firmware Version:	N/A
Model(s):	QSE-CI-NWK-E, Grafik Eye QS

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
3	6/17/2010	1.4.0	3.0.3	Changed model name and added zones.
2	4/30/2010	1.4.0	3.0.3	Modified the driver to accept serial numbers
1	2/12/2010	1.4.0	3.0.2	Initial version.

Driver Notes:

- Zone Select includes Fade Time; default Fade Time is 1 second.
- Serial Digit will let the user put in the serial number of the device you will be trying to control. If the Serial ID Number is 00AC123D

  Serial Digit 1 will be D
  Serial Digit 2 will be 3
  Serial Digit 3 will be 2
  Serial Digit 4 will be 1
  Serial Digit 5 will be C
  Serial Digit 6 will be A
  Serial Digit 7 will be 0
  Serial Digit 8 will be 0

Control Commands & States:

Fade	1-59* 20 Min	1-10 Min Select	15 Min
Master Level (Step)**	Up	Down	Stop
Preset Scene	1-16	Off	
Serial Digit 1	0-9	A-F	
Serial Digit 2	0-9	A-F	
Serial Digit 3	0-9	A-F	
Serial Digit 4	0-9	A-F	
Serial Digit 5	0-9	A-F	
Serial Digit 6	0-9	A-F	
Serial Digit 7	0-9	A-F	
Serial Digit 8	0-9	A-F	
Zone Select	0-24		
Level***	0-100		

Status Available:

Connection Status	Connected	Disconnected
Preset Scene	1-16	Off
Level***	0-100	

*This value is in seconds.
**This is used as a press and release and the stop is used for GC configuration purposes.
***These values are the light intensity control. In order to change level command, you must select zone select and fade commands. Level Status will only show level of currently selected zone.

MLC62 Supported Commands:

Due to the complexity of the driver this driver will not include MLC 62 control.

Cable and Adapter Requirements:

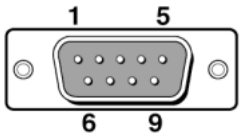
M/F RS-232 straight serial cable (Extron Electronics P/N 26-433-XX)

Notes for the Device:

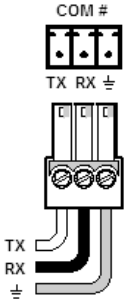
Serial communication:

Port Type:	RS-232	**Parity:**	None
Baud Rate:	9600	**Stop Bits:**	1
Data Bits:	8	**Flow Control:**	None

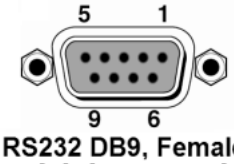
Pin Assignments Diagram:



RS232 DB9 Male
IP Link® Device
Interface



Signal	Pin	Main Cable	Pin	Signal
RxD	2		2	RxD
TxD	3		3	TxD
GND	5		5	GND



RS232 DB9, Female
Lighting Control

Note: Captive screw connector may also be used as a serial connection.

General Notes: